ABSTRACT OF THE DISCLOSURE

An image pickup device, an image pickup device program and an image pickup method are disclosed, in which an image is picked up by setting the image pickup conditions suitable for an object, and the face image thus picked up can be easily corrected in accordance with the characteristics and preferences of the object. Once a shutter button is pressed halfway and a line-of-sight sensor 14 confirms that the line of sight of a photographer is set, a CPU 5 generates a preview image, and upon detection of the face image, infers the race, age and sex of the object using the feature amount of the face image. Further, image pickup parameters suitable for the inference result and the measurement of a length measuring sensor 13 are set, and the main image pickup process is executed under the image pickup conditions corresponding to the parameters. Furthermore, the result of detection of the face image, the inference result and the information additionally input after image pickup operation are linked with the image acquired by the main image pickup process, and stored in a memory 6 or a memory card 16 or output externally through a USB interface 15.